

THE NETHERLANDS
FOOT AND MOUTH DISEASE 2001
situation 17 april 2001 - 12.00 hrs



FOOT-AND-MOUTH DISEASE / THE NETHERLANDS / 2001

Position as at 17 April 2001 12:00 hours

With reference to the third FMD report of 9 April 2001, we are now giving you the information on the past week.

Five new outbreaks occurred during the past week. Unfortunately, two of them occurred in the province of Friesland, at least 100 km from the former outbreaks. Until now, no indication has been found to explain the sudden move of the virus from Noord Veluwe to Noord Friesland. The three other outbreaks were in Wapenveld and Heerde. Earlier outbreaks were reported in these two places.

In order to prevent the spread of FMD in Noord Friesland, the two infected farms were culled immediately. The one-kilometre zones around these two infected farms were pre-emptively culled on Thursday 12 April 2001 and Friday 13 April 2001. In addition, suppressive vaccinations started on Friday 13 April 2001 in a zone between one and two kilometres around the infected farms. As the two infected farms are located 4 kilometres from each other, an adjacent area has been vaccinated. So the vaccination area becomes an area of 8 km by 4 km. All farms within this vaccination area will be culled before 19 April 2001, subject to unexpected outbreaks.

Exportation of products is banned again. This ban started 11 April 2001, 17:30 hours. The appearance of an FMD outbreak in the province of Friesland was the reason for this ban. The Minister of Agriculture, Nature Management and Fisheries ordered this ban. Later on, the ban was also ordered by the EC. For this reason, Decision 2001/223/EC was amended by Decision 2001/306/EC.

Corrections

There are no corrections to the last report.

Current outbreaks

Currently, there are twenty-five outbreaks. The new outbreaks (outbreak 2001/21 to 2001/25) are reported in the annex together with the earlier ones. The earlier reports have been updated where possible.

Restriction zones currently in force

Currently, there are three transport-ban zones in the Netherlands:

- Noord Veluwe (former name: Oene-Olst-Welsum-Nijbroek-Oosterwolde); there is a transport-ban in this large area. The last change made in the boundaries of this area was made on 5 April 2001 due to the transport-ban zone of 10 km around the vaccination area Noord Veluwe. Map and description are in the annex.
- Kootwijkerbroek; there is a transport-ban zone with a radius of at least twelve kilometres around outbreak 2001/08 in Kootwijkerbroek. This zone was established on 29 March 2001. Map and description are in the annex.
- Ee-Anjum; there is a transport-ban zone of 10 km around the vaccination area Noord Friesland. This zone was established on 11 April 2001. Map and description are in the annex.

In addition to these three transport-ban zones, there are 25 protection zones around the confirmed farms where clinical inspections have been or will be carried out.

Tracing

Part one: into The Netherlands / into Noord Veluwe

Still there is no reason to change our views on the origin of the outbreak of FMD in the Netherlands. The introduction of the virus through the importation of Irish fattening calves by the French staging point at Mayenne is still most likely.

On 15 March 2001, clinical symptoms of FMD were reported in goats in a herd in Oene. Samples were sent to ID-Lelystad for confirmation. Four calves imported from Ireland on 24 January 2001 were found serologically positive. The herd was culled on 17 March 2001.

Fattening calves from Ireland transported via France to the Netherlands on 23 February 2001 were housed for 12 hours at the staging point at Mayenne. Between 5 February 2001 and 19 February 2001, seven shipments of sheep from UK FMD case 01/11 were taken to that particular staging point. The sheep were found to be seropositive. A contact herd within 500 m of the staging point became FMD case 01/01 in France on 13 February 2001. This implies that the calves from Ireland might have been infected on 23 February 2001 before they were sent to the Netherlands.

The calves were sent to farms in Oene, Sprang-Capelle and Beesd. Four calves of the Oene herd (outbreak 2001/03) were seropositive. All samples taken from susceptible animals at the farm in Beesd and Sprang-Capelle were negative.

Tracing

Part two: into Noord Friesland

Great efforts are being made trying to find the source of the virus.

1. Until now, no causes have been found for the spread of the virus from Noord Veluwe to Noord Friesland.
2. Until now, no indications were found for a link with sheep imported from the UK. Both infected farms do not keep any sheep and do not have any sheep in their pastures.
3. Until now, no direct or indirect links have been found with the rendering plant at Bergum, processing all the FMD carcasses.
4. Until now, no direct or indirect links have been found between the outbreaks in Ee (2001/22) and Anjum (2001/25).

Screening

All farms within the protection zones have been or will be inspected clinically, in accordance with EU directive 85/511/EEC.

Vaccination

1. Suppressive vaccinations, in compliance with Decision 2001/246/EC, have been carried out around the confirmed infected farms 2001/04 to 2001/13. All susceptible animals on the farms within a radius of two kilometres from the outbreaks have been vaccinated. All vaccinated animals have been marked by mutilation. All vaccinated animals will be culled pre-emptively later on.
2. Suppressive vaccinations in the vaccination area Noord Veluwe have been carried out in accordance with Decision 2001/279/EC. All vaccinated animals have been marked by mutilation. All vaccinated animals will be culled later on.
3. In the vaccination area Noord Friesland suppressive vaccinations (Decision 2001/279/EC) have been carried out. All vaccinated animals have been marked by mutilation. All vaccinated animals will be culled later on.

Until 13 April 2001: in total 172,569 animals have been vaccinated: 58,685 bovine animals, 92,612 porcine animals, 16,645 ovine animals, 4,559 caprine animals and 68 other biungulates.

Culling

All susceptible animals on confirmed infected and highly suspected farms have been culled. Pre-emptive culling took place on all farms within a one-kilometre radius of the confirmed cases 2001/01, 2001/02 and 2001/03. Similar measures were taken in Sprang-Capelle and Berghem. Around both infected farms in the province of Friesland, all susceptible animals on the farms within the radius of one kilometre have already been culled. All farms within the vaccination area Noord Friesland will be culled before 19 April 2001, subject to unexpected outbreaks.

All vaccinated susceptible animals in the vaccination areas around Kootwijkerbroek and later on in Noord Veluwe will be moved to slaughterhouses fourteen or more days after vaccination, to be killed. Their carcasses will be destroyed. This will enlarge the required killing capacity.

National rules and regulations

See annex

Diagram of violations

See annex

Maps

1. This map shows a clear division into provinces with all infected premises. More detailed, enlarged maps showing sections of the above-mentioned map are also annexed.
2. This map shows the transport-ban zones around Oene etc. and Kootwijkerbroek, including the infected premises and the vaccination areas.
3. This map shows the transport-ban zone around Ee and Anjum, including the infected premises and vaccination area.
4. This map shows annex 1 as proposed by the Netherlands.

Links between confirmed FMD premises



The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/01

1. **Location**
 Village: Olst
 Province: Overijssel
 Municipality: Olst
 RVV-Region: North
2. **Type and size of farm**
 No. of cattle: 59
 No. of pigs: 0
 No. of sheep: 74
 No. of goats: 0
 No. of other animals: 0
3. **Suspicion**
 - 3.1 Date of suspicion: 20-3-2001
 - 3.2 Visits of the official teams on: 20-3-2001
 - 3.3 No. of cases with clinical symptoms: 4 dairy cows in production
 - 3.4 Symptoms:
 These 4 cows showed severe salivation and smacking with blisters in the mouth and teats; 2 of these also had blisters on the coronary band of the feet.
 - 3.5 Deaths:
 One calf (18 days old) died suddenly on 18-3-2001. One lamb (10 days old) died on 17-3-2001.
4. **Method of diagnosis**
 - 4.1 Investigation centre : ID-Lelystad, Division WDT
 - 4.2 Method of diagnosis:
 - Detection of virus:
 - ☒ IDAS ELISA
 - ☐ virus isolation
 - ☐ RT-PCR
 - Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test
5. **Date of confirmation:** 21-3-2001
6. **Date of depopulation:** 21-3-2001
7. **Date of preliminary disinfection:** 21-3-2001
8. **Epidemiology**
 - 8.1 Presumed infection date: 12-3-2001
 - 8.2 Links: 2001/02
 - 8.3 Type of contact: 1 km distance airborne?

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/02

1. Location

Village: Welsum
 Province: Overijssel

Municipality: Voorst
 RVV-region: Noord

2. Type and size of farm

No. of cattle: 121
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 13500 ducks:

3. Suspicion

3.1 Date of suspicion: 21-3-2001

3.2 Visits of screening teams on: 21-3-2001

3.3 No. of cases with clinical symptoms: 2

3.4 Clinical symptoms:

One cow showed severe salivation with blisters on the tongue. One calf with one blister on the tongue. Both animals were without fever.

3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT

4.2 Method of diagnosis:

- Detection of virus:
 - ☒ IDAS ELISA ☐ virus isolation ☐ RT-PCR
- Detection of antibodies:
 - ☐ ELISA ☐ Virus neutralisation test

5. Date of confirmation: 21-3-2001

6. Date of depopulation: 22-3-2001

7. Date of preliminary disinfection: 22-3-2001

8. Epidemiology

8.1 Presumed infection date: ?

8.2 Links: 2001/03

8.3 Type of contact: human

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/03

1. **Location**
 Village: Oene Municipality: Epe
 Province: Gelderland RVV-region: East
2. **Type and size of farm**
 No. of cattle: 74 (veal calves)
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 545
 No. of other animals: 0
3. **Suspicion**
 - 3.1 Date of suspicion: 14-3-2001
 - 3.2 Visits of screening teams on: 15-3-2001
 - 3.3 No. of cases with symptoms: 130
 - 3.4 Symptoms:
 Pregnant goats and goats in production with fever, acute lameness, small blisters in the mouth, teats and coronary band
 - 3.5 Deaths: 2
4. **Method of diagnosis**
 - 4.1 Investigation centre : ID-Lelystad, Division WDT
 - 4.2 Method of diagnosis:
 - Detection of virus:
 - ☐ IDAS ELISA
 - ☒ virus isolation
 - ☒ RT-PCR
 - Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test
5. **Date of confirmation:** 22-3-2001
6. **Date of depopulation:** 17-3-2001
7. **Date of preliminary disinfection:** 17-3-2001
8. **Epidemiology**
 - 8.1 Presumed infection date: 24-2-2001
 - 8.2 Links: France 2001/01
 - 8.3 Type of contact: Animal

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/04

1. Location

Village: Nijbroek
 Province: Gelderland

Municipality: Voorst
 RVV-region: East

2. Type and size of farm

No. of cattle: 1197
 No. of pigs: 0
 No. of sheep: 16
 No. of goats: 3
 No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 23-3-2001
 3.2 Visits of screening teams on: 23-3-2001
 3.3 No. of cases with symptoms: 4
 3.4 Symptoms:
 4 yearlings with blisters on tongue and feet.
 3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 ☒ IDAS ELISA ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test

5. Date of confirmation: 24-3-2001

6. Date of depopulation: 24-3-2001

7. Date of preliminary disinfection: 24-3-2001

8. Epidemiology

8.1 Presumed infection date: 13-3-2001
 8.2 Links: 2001/03
 8.3 Type of contact: human

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/05

1. **Location**
 Village: Oene
 Province: Gelderland
 Municipality: Epe
 RVV-region: East
2. **Type and size of farm**
 No. of cattle: 164
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 0
3. **Suspicion**
 - 3.1 Date of suspicion: 24-3-2001
 - 3.2 Visits of screening teams on: 24-3-2001
 - 3.3 No. of cases with symptoms: 1
 - 3.4 Symptoms:
 One yearling with excessive salivation, blisters on tongue, interdigital space and teats no fever.
 - 3.5 Deaths: 0
4. **Method of diagnosis:**
 - 4.1 Investigation centre : ID-Lelystad, Division WDT
 - 4.2 Method of diagnosis:
 - Detection of virus:
 - ☒ IDAS ELISA
 - ☐ virus isolation
 - ☐ RT-PCR
 - Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test
5. **Date of confirmation:** 25-3-2001
6. **Date of depopulation:** 26-3-2001
7. **Date of preliminary disinfection:** 26-3-2001
8. **Epidemiology**
 - 8.1 Presumed infection date: ???
 - 8.2 Links: 2001/03
 - 8.3 Type of contact: Contiguous

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/06

- 1. Location**
 Village: Terwolde Municipality: Voorst
 Province: Gelderland RVV-Region: East
- 2. Type and size of farm**
 No. of cattle: 0
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 624
 No. of other animals: 0
- 3. Suspicion**
 3.1 Date of suspicion: 22-03-2001, revisit on 26-03
 3.2 Visits of screening teams on:
 3.3 No. of cases with symptoms: 22-03 1 goat, 26-3 30 goats
 3.4 Symptoms: 22-3 High fever, ruptured small blisters on the lips. 26-03 fever, drop in milk production, anorexia, lameness and irritation with deposits in the mouth
 3.5 Deaths: 0
- 4. Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 ☒ IDAS ELISA ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
- 5. Date of confirmation:** 27-03-2001
- 6. Date of depopulation:** 28-03-2001
- 7. Date of preliminary disinfection:** 28-03-2001
- 8. Epidemiology**
 8.1 Presumed infection date: ?
 8.2 Links: 2001/ 03
 8.3 Type of contact: Transport

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/07

1. **Location**
 Village: Tongeren
 Province: Gelderland
 Municipality: Epe
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 69
 No. of pigs: 0
 No. of sheep: 86
 No. of goats: 0
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 27-03-2001
 3.2 Visits of screening teams on: 27-03-2001
 3.3 No. of cases with symptoms: 1 cow
 3.4 Symptoms: Fever, salivation, blisters on the tongue, feet and teats.
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
5. **Date of confirmation:** 27-03-2001
6. **Date of depopulation:** 28-03-2001
7. **Date of preliminary disinfection:** 28-03-2001
8. **Epidemiology**
 8.1 Presumed infection date: ?
 8.2 Links: 2001/03
 8.3 Type of contact: Human

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/08

1. Location

Village: Kootwijkerbroek
 Province: Gelderland

Municipality: Barneveld
 RVV-Region: East

2. Type and size of farm

No. of cattle: 457 (veal calves)
 No. of pigs: 0
 No. of sheep: 3
 No. of goats: 1
 No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 20-03-2001
 3.2 Visits of screening teams on: 20-03-2001
 3.3 No. of cases with symptoms: 14 calves
 3.4 Symptoms: Fever, excessive salivation, small blisters in the mouth
 3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 ☐ IDAS ELISA **X** virus isolation **X** RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test

5. Date of confirmation: 28-03-2001

6. Date of depopulation: 27-03-2001

7. Date of preliminary disinfection: 27-03-2001

8. Epidemiology

8.1 Presumed infection date: ?
 8.2 Links: 2001/03
 8.3 Type of contact: Human

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/09

1. **Location**
 Village: Oosterwolde
 Province: Gelderland
 Municipality: Oldebroek
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 327
 No. of pigs: 0
 No. of sheep: 36
 No. of goats: 50
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 18-03-2001
 3.2 Visits of screening teams on: 21-03-2001
 3.3 No. of cases with symptoms: 0
 3.4 Symptoms:
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 ☐ IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA
 X Virus neutralisation test
5. **Date of confirmation:** 28-03-2001
6. **Date of depopulation:** 21-03-2001
7. **Date of preliminary disinfection:** 21-03-2001
8. **Epidemiology**
 8.1 Presumed infection date: 13-03-2001
 8.2 Links: 2001/03
 8.3 Type of contact: animal

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/10

1. Location

Village: Oosterwolde
Province: Gelderland

Municipality: Oldebroek
RVV-Region: East

2. Type and size of farm

No. of cattle: 113
No. of pigs: 0
No. of sheep: 0
No. of goats: 0
No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 28-03-2001
3.2 Visits of screening teams on: 28-03-2001
3.3 No. of cases with symptoms: 1 cow,
3.4 Symptoms: Salivation and a blister on the tongue
3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT
4.2 Method of diagnosis:

- Detection of virus:
 - ☒ IDAS ELISA
 - ☐ virus isolation
 - ☐ RT-PCR
- Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test

5. Date of confirmation: 29-03-2001

6. Date of depopulation: 29-03-2001

7. Date of preliminary disinfection: 29-03-2001

8. Epidemiology

8.1 Presumed infection date: ?
8.2 Links: 2001/09
8.3 Type of contact: Contiguous

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/011

1. **Location**
 Village: Oene
 Province: Gelderland
 Municipality: Epe
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 179
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 43
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 29-03-2001
 3.2 Visits of screening teams on: 29-03-2001
 3.3 No. of cases with symptoms: 10 cows
 3.4 Symptoms: fever, salivation and blisters on the tongue, feet and teats
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 ☒ IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
5. **Date of confirmation:** 29-03-2001
6. **Date of depopulation:** 30-03-2001
7. **Date of preliminary disinfection:** 30-03-2001
8. **Epidemiology**
 8.1 Presumed infection date: 17-03-2001
 8.2 Links: 2001/05
 8.3 Type of contact: Contiguous/ human

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/12

1. Location

Village: Vaassen
 Province: Gelderland

Municipality: Epe
 RVV-Region: Oost

2. Type and size of farm

No. of cattle: 78
 No. of pigs: 0
 No. of sheep: 19
 No. of goats: 0
 No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 31-3-2001
 3.2 Visits of screening teams on: 31-3-2001
 3.3 No. of cases with symptoms: 3 cows
 3.4 Symptoms: Fever, smacking, salivation and blisters on the tongue
 3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test

5. Date of confirmation: 1-4-2001

6. Date of depopulation: 2-4-2001

7. Date of preliminary disinfection: 2-4-2001

8. Epidemiology

8.1 Presumed infection date: ?
 8.2 Links: 2001/03
 8.3 Type of contact: Contiguous

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/13

1. **Location**
 Village: Olst
 Province: Overijssel
 Municipality: Olst
 RVV-Region: North
2. **Type and size of farm**
 No. of cattle: 46
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 18
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 02-04-2001
 3.2 Visits of screening teams on: 02-04-2001
 3.3 No. of cases with symptoms: 4 cows
 3.4 Symptoms: Fever, salivation, blisters at feet
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA
 ☐ Virus neutralisation test
5. **Date of confirmation:** 03-04-2001
6. **Date of depopulation:** 03-04-2001
7. **Date of preliminary disinfection:** 03-04-2001
8. **Epidemiology**
 8.1 Presumed infection date: ?
 8.2 Links: 2001/01
 8.3 Type of contact: contiguous
9. **Vaccination**
 9.1 Date of vaccination: not vaccinated

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/14

1. **Location**
 Village: Oene
 Province: Gelderland
 Municipality: Epe
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 31
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 02-04-2001
 3.2 Visits of screening teams on: 22-03-2001
 3.3 No. of cases with symptoms: 1 cow
 3.4 Symptoms: Blisters in the mouth
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
5. **Date of confirmation:** 03-04-2001
6. **Date of depopulation:** 03-04-2001
7. **Date of preliminary disinfection:** 03-04-2001
8. **Epidemiology**
 8.1 Presumed infection-date: ?
 8.2 Links: 2001/03, 2001/05, 2001/11 and 2001/15
 8.3 Type of contact: contiguous (within 2,5 km of the source)
9. **Vaccination**
 9.1 Date of vaccination: 27-03-2001

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/15

1. **Location**
 Village: Oene
 Province: Gelderland
 Municipality: Epe
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 54
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 02-04-2001
 3.2 Visits of screening teams on: 22-03 (screening), 26-3 (bloodsamples),
 28-3-2001 (tracing) and 02-04-2001
 3.3 No. of cases with symptoms: 1 dairy cow
 3.4 Symptoms: Blisters on the mouth, feet and teats.
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
5. **Date of confirmation:** 03-04-2001
6. **Date of depopulation:** 03-04-2001
7. **Date of preliminary disinfection:** 03-04-2001
8. **Epidemiology**
 8.1 Presumed infection date: ?
 8.2 Links: 2001/03, 2001/05, 2001/11 and 2001/14
 8.3 Type of contact: Contiguous (within 2,5km of the source)
9. **Vaccination**
 9.1 Date of vaccination: 26-03-2001

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/16

- 1. Location**
 Village: Wapenveld Municipality: Heerde
 Province: Gelderland RVV-Region: East

- 2. Type and size of farm**
 No. of cattle: 23
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 0

- 3. Suspicion**
 3.1 Date of suspicion: 06-04-2001
 3.2 Visits of screening teams on: 06-04-2001
 3.3 No. of cases with symptoms: 2 cows
 3.4 Symptoms: Fever, salivation and inflammation on feet and mouth and blisters on the tongue.
 3.5 Deaths: 0

- 4. Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test

- 5. Date of confirmation:** 07-04-2001

- 6. Date of depopulation:** 06-04-2001

- 7. Date of preliminary disinfection:** 06-04-2001

- 8. Epidemiology**
 8.1 Presumed infection date: Unknown
 8.2 Links: 2001/17
 8.3 Type of contact: contiguous

- 9. Vaccination**
 9.1 Date of vaccination: 05-04-2001

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/17

1. Location

Village: Heerde
Province: Gelderland

Municipality: Heerde
RVV-Region: East

2. Type and size of farm

No. of cattle: 91
No. of pigs: 0
No. of sheep: 0
No. of goats: 0
No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 06-04-2001
3.2 Visits of screening teams on: 06-04-2001
3.3 No. of cases with symptoms: 4 cows
3.4 Symptoms: Fever and blisters on tongue, mouth and feet
3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT
4.2 Method of diagnosis:

- Detection of virus:
 - ☒ IDAS ELISA
 - ☐ virus isolation
 - ☐ RT-PCR
- Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test

5. Date of confirmation: 07-04-2001

6. Date of depopulation: 07-04-2001

7. Date of preliminary disinfection: 07-04-2001

8. Epidemiology

8.1 Presumed infection date: ???
8.2 Links: 2001/15
8.3 Type of contact: human

9. Vaccination

9.1 Date of vaccination: Not vaccinated

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/18

1. Location

Village: Heerde
Province: Gelderland

Municipality: Heerde
RVV-Region: East

2. Type and size of farm

No. of cattle: 334
No. of pigs: 0
No. of sheep: 0
No. of goats: 0
No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 07-04-2001
3.2 Visits of screening teams on: 26-03-2001 (screening), 05-04-2001
(vaccination) and 07-04-2001
3.3 No. of cases with symptoms: 1 cow on 07-04-2001
3.4 Symptoms: Fever, salivation, smacking and blisters on the tongue.
3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT
4.2 Method of diagnosis:
• Detection of virus:
X IDAS ELISA ☐ virus isolation ☐ RT-PCR
• Detection of antibodies:
☐ ELISA ☐ Virus neutralisation test

5. Date of confirmation: 07-04-2001

6. Date of depopulation: 08-04-2001

7. Date of preliminary disinfection: 08-04-2001

8. Epidemiology

8.1 Date of presumed infection: Unknown
8.2 Links: 2001/17
8.3 Type of contact: Contiguous

9. Vaccination

9.1 Date of vaccination: 05-04-2001

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/19

- 1. Location**
 Village: Heerde
 Province: Gelderland
 Municipality: Heerde
 RVV-Region: East
- 2. Type and size of farm**
 No. of cattle: 47
 No. of pigs: 0
 No. of sheep: 1
 No. of goats: 0
 No. of other animals: 0
- 3. Suspicion**
 3.1 Date of suspicion: 08-04-2001
 3.2 Visits of screening teams on: 24-03 (screening), 06-04 (vaccination)
 and 08-04-2001
 3.3 No. of cases with symptoms: 11 dairy cows
 3.4 Symptoms: blisters on tongue and feet
 3.5 Deaths: 0
- 4. Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA
 ☐ Virus neutralisation test
- 5. Date of confirmation:** 09-04-2001
- 6. Date of depopulation:** 08-04-2001
- 7. Date of preliminary disinfection:** 08-04-2001
- 8. Epidemiology**
 8.1 Date of presumed infection: 22-03-2001 – 27-03-2001
 8.2 Links: 2001/17
 8.3 Type of contact: Contiguous
- 9. Vaccination**
 9.1 Date of vaccination: 06-04-2001

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/20

- 1. Location**
Village: Wapenveld Municipality: Heerde
Province: Gelderland RVV-Region: East
- 2. Type and size of farm**
No. of cattle: 11
No. of pigs: 0
No. of sheep: 22
No. of goats: 0
No. of other animals: 0
- 3. Suspicion**
3.1 Date of suspicion: 07-04-2001
3.2 Visits of screening teams on: 08-04-2001
3.3 No. of cases with symptoms: 1 cow
3.4 Symptoms: Fever, salivation, blisters on tongue, feet and teats.
3.5 Deaths: 0
- 4. Method of diagnosis**
4.1 Investigation centre : ID-Lelystad, Division WDT
4.2 Method of diagnosis:
 - Detection of virus:
X IDAS ELISA ☐ virus isolation ☐ RT-PCR
 - Detection of antibodies:
☐ ELISA ☐ Virus neutralisation test
- 5. Date of confirmation:** 09-04-2001
- 6. Date of depopulation:** 09-04-2001
- 7. Date of preliminary disinfection:** 09-04-2001
- 8. Epidemiology**
8.1 Date of presumed infection: Unknown
8.2 Links: 2001/17
8.3 Type of contact: Contiguous
- 9. Vaccination**
9.1 Date of vaccination: not vaccinated

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/21

1. **Location**
 Village: Heerde
 Province: Gelderland
 Municipality: Heerde
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 47
 No. of pigs: 0
 No. of sheep: 1
 No. of goats: 1
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 09-04-2001
 3.2 Visits of screening teams on: 26-03 (screening), 29-03 (tracing), 06-04
 (vaccination) and 09-04-2001
 3.3 No. of cases with symptoms: 8 dairy cows
 3.4 Symptoms: Blisters on the tongue.
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
5. **Date of confirmation:** 10-04-2001
6. **Date of depopulation:** 09-04-2001
7. **Date of preliminary disinfection:** 09-04-2001
8. **Epidemiology**
 8.1 Date of presumed infection: Unknown
 8.2 Links: 2001/17
 8.3 Type of contact: Contiguous
9. **Vaccination**
 9.1 Date of vaccination: 06-04-2001

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/22

1. **Location**

Village: Ee	Municipality: Dongeradeel
Province: Friesland	RVV-Region: North
2. **Type and size of farm**

No. of cattle:	103
No. of pigs:	0
No. of sheep:	0
No. of goats:	0
No. of other animals:	0
3. **Suspicion**

3.1 Date of suspicion:	10-04-2001
3.2 Visits of screening teams on:	10-04-2001
3.3 No. of cases with symptoms:	3
3.4 Symptoms:	
3.5 Deaths:	0
4. **Method of diagnosis**

4.1 Investigation centre :	ID-Lelystad, Division WDT
4.2 Method of diagnosis:	
<ul style="list-style-type: none"> • Detection of virus: <input checked="" type="checkbox"/> IDAS ELISA • Detection of antibodies: <input type="checkbox"/> ELISA 	<input type="checkbox"/> virus isolation <input type="checkbox"/> RT-PCR <input type="checkbox"/> Virus neutralisation test
5. **Date of confirmation:** 11-04-2001
6. **Date of depopulation:** 11-04-2001
7. **Date of preliminary disinfection:** 11-04-2001
8. **Epidemiology**

8.1 Date of presumed infection:	Unknown
8.2 Links:	Unknown
8.3 Type of contact:	Unknown
9. **Vaccination**

9.1 Date of vaccination:	Not vaccinated
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The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/23

1. **Location**
 Village: Wapenveld
 Province: Gelderland
 Municipality: Heerde
 RVV-Region: East
2. **Type and size of farm**
 No. of cattle: 54
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 11-04-2001
 3.2 Visits of screening teams on: 11-04-2001
 3.3 No. of cases with symptoms: 5 cows
 3.4 Symptoms: Fever, salivation, blisters in the mouth and at the feet
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 ☐ virus isolation ☐ RT-PCR
 • Detection of antibodies:
 ☐ ELISA ☐ Virus neutralisation test
5. **Date of confirmation:** 11-04-2001
6. **Date of depopulation:** 12-04-2001
7. **Date of preliminary disinfection:** 12-04-2001
8. **Epidemiology**
 8.1 Date of presumed infection: Unknown
 8.2 Links: 2001/17
 8.3 Type of contact: Contiguous
9. **Vaccination**
 9.1 Date of vaccination: 05-04-2001

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/24

- 1. Location**
 Village: Wapenveld Municipality: Heerde
 Province: Gelderland RVV-Region: East
- 2. Type and size of farm**
 No. of cattle: 89
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 0
- 3. Suspicion**
 - 3.1 Date of suspicion: 11-04-2001
 - 3.2 Visits of screening teams on: 11-04-2001
 - 3.3 No. of cases with symptoms: 5 cows
 - 3.4 Symptoms: 1 cow with salivation, blisters in the mouth and irritated feet four other cows with salivation and sensitive feet
 - 3.5 Deaths: 0
- 4. Method of diagnosis**
 - 4.1 Investigation centre : ID-Lelystad, Division WDT
 - 4.2 Method of diagnosis:
 - Detection of virus:
 - ☒ IDAS ELISA ☐ virus isolation ☐ RT-PCR
 - Detection of antibodies:
 - ☐ ELISA ☐ Virus neutralisation test
- 5. Date of confirmation:** 11-04-2001
- 6. Date of depopulation:** 12-04-2001
- 7. Date of preliminary disinfection:** 12-04-2001
- 8. Epidemiology**
 - 8.1 Date of presumed infection: Unknown
 - 8.2 Links: 2001/17
 - 8.3 Type of contact: Contiguous
- 9. Vaccination**
 - 9.1 Date of vaccination: 09-04-2001

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/25

1. **Location**
 Village: Anjum
 Province: Friesland
 Municipality: Dongeradeel
 RVV-Region: North
2. **Type and size of farm**
 No. of cattle: 133
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 2
 No. of other animals: 0
3. **Suspicion**
 3.1 Date of suspicion: 11-04-2001
 3.2 Visits of screening teams on: 11-04-2001
 3.3 No. of cases with symptoms: 30 cows
 3.4 Symptoms: Fever, Blisters in the mouth and at the feet. No clinical signs in the young animal stock
 3.5 Deaths: 0
4. **Method of diagnosis**
 4.1 Investigation centre : ID-Lelystad, Division WDT
 4.2 Method of diagnosis:
 • Detection of virus:
 X IDAS ELISA
 □ virus isolation □ RT-PCR
 • Detection of antibodies:
 □ ELISA □ Virus neutralisation test
5. **Date of confirmation:** 11-04-2001
6. **Date of depopulation:** 12-04-2001
7. **Date of preliminary disinfection:** 12-04-2001
8. **Epidemiology**
 8.1 Date of presumed infection: Unknown
 8.2 Links: Unknown
 8.3 Type of contact: Unknown
9. **Vaccination**
 9.1 Date of vaccination: Not vaccinated

A chronological survey of national rules and regulations containing preventive measures in connection with the outbreak of foot and mouth disease.

Date	Measure
21-2-01	Reports of foot and mouth disease in the UK. Preventive measures introduced in the Netherlands to prevent spread in the Netherlands. All biungulates (pigs and ruminants) from the United Kingdom tested for foot and mouth disease.
21-2-01	Temporary ban on sheep markets, sales and auctions in the Netherlands: CANCELLED on 26-2-01 and replaced by collection ban biungulates of 26-2-01.
22-2-01	Compulsory testing extended to biungulates from Northern Ireland.
22-2-01 18.00	Prohibition to collect biungulates other than sheep in a place, other than a livestock farm or slaughterhouse. CANCELLED on 7-4-01 and replaced by temporary collection ban FMD 2001.
23-2-01	Obligatory testing for all 'contact firms': firms which received pigs irrespective of their origin, from firms having or having had biungulates originating from the United Kingdom, and which were taken to the Netherlands as from January 24, 2001.
26-2-01	Collection and market ban extended to March 5, 2001 and made applicable to all biungulates (including sheep). Sheep collection ban lifted. Vehicles are also 'places' in the sense of a collection ban.
26-2-01	Ban on the transportation of sheep and goats within and from the Netherlands: CANCELLED on 20-3-01; replaced by temporary transport ban biungulates FMD 2001 of 20-3-01.
28-2-01	The transport on the public highway not using vehicles is banned as well, nor is it allowed to drive sheep and goats down public highways. Two exemptions are formulated due to the lambing season.
1-3-01	Collection ban extended to March 12, 2001.
1-3-01	All vehicles that have carried one or more biungulates and that have not already been cleaned and disinfected must now be cleaned and disinfected together with any accompanying items immediately after unloading, so that empty vehicles can only be on the road in a clean condition. A ban on the unloading and reception of biungulates unless equipment for the cleaning and disinfection of vehicles is present in the place of unloading. This equipment must supply water under sufficient pressure for adequate and efficient cleaning and disinfection.
2-3-01	Temporary ban on the finding and collection of plovers' eggs, because these activities usually take place on farmland.
7-3-01	The identification and registration (I&R) notification term for movements to and from establishments is reduced from three days to one day.
7-3-01	A temporary ban on all markets, sales, auctions, shows and other events where poultry and livestock other than biungulates, from different places are collected in one place. Applications for exemptions are possible.
8-3-01	Ban on the transportation to the Netherlands of biungulates, from France or Italy, whether or not these are countries of origin. A ban on the transportation of horses from the UK to the Netherlands, whether or not the UK is the country of origin and from the Netherlands to other countries.
9-3-01	The ban on the transportation of goats is lifted. There is now only a ban on the transportation of sheep.
9-3-01	Collection ban extended to March 26, 2001.
13-3-01-	All transportation of biungulates banned due to foot and mouth disease in France: CANCELLED on 20-3-01 and replaced by temporary transport ban biungulates of 20-3-01.
13-3-01	Pending the results of tests it is prohibited to remove biungulates from firms which have brought in biungulates from France as from February 13, 2001. This also applies to other biungulates present in the firm and for the meat, embryos, sperm and egg cells of biungulates.
14-3-01	The above date of February 13, 2001, is changed to January 24, 2001. This extends the number of firms blocked.

Date	Measure
15-3-01	A ban on the removal of manure from farms that have brought in biungulates from France since January 24, 2001.
15-3-01 13.00	Vehicles carrying manure must be cleaned and disinfected before leaving a farm. CANCELLED on 30-3-01 and replaced by temporary national transport restrictions II.
18-3-01	The collection of horses from farms where biungulates stay or stayed in the past seven days or horses that were in contact with biungulates, is prohibited.
18-3-01	Partial lifting of the ban on the transportation of biungulates. The direct transport of biungulates in or outside the Netherlands is permitted. The Member State of destination needs to give prior permission for the transportation of biungulates.
19-03-01	The transportation ban for biungulates will be temporarily maintained in a 3-kilometre radius from a farm in Oene (province of Gelderland), where there were animals in which foot and mouth could not be fully excluded. The local transportation ban will remain in force, pending tests to exclude foot and mouth: CANCELLED on 21-3-01, replaced by surveillance zone regulation Oene, Olst and Oosterwolde on 21-3-01.
19-03-01	The present regulations oblige firms bringing in biungulates to keep them for a minimum of thirty days before they are removed. The aim of this obligation is to prevent farms from being used as actual places of collection.
19-03-01	EU measures have been implemented automatically in the national rules and regulations (article 2:13) Regulation on the examination of and trade in animal products; article 7b of the Regulation on the importation and transit of meat 1979; article 6b Regulation on the importation and transit of meat products 1985.
20-03-01 14.00	Temporary transport ban livestock Maren-Kessel and Herpen. CANCELLED on 21-3-01 and replaced by surveillance zone Maren-Kessel and Herpen on 21-3-01.

A chronological survey of national rules and regulations containing preventive measures in connection with the outbreak of foot and mouth disease in the Netherlands from 21 March 2001.

Date	Measure
21-3-01 11.00	Temporary transport restrictions FMD 2001 in the whole of the Netherlands for livestock, poultry, vehicles, semen, ova and biungulate embryos. CANCELLED on 24-3-01 and REPLACED by temporary regulation on national transport restrictions FMD of 24-3-01.
21-3-01 11.00	Surveillance zone Maren-Kessel and Herpen. CANCELLED on 24-3-01 and REPLACED by transport restrictions Maren-Kessel and Herpen of 24-3-01.
21-3-01 11.00	Surveillance zone Oene, Olst and Oosterwolde. CANCELLED on 25-3-01 and REPLACED by surveillance zone Oene, Olst, Welsum, Nijbroek, Doornspijk, Nunspeet and Oosterwolde of 25-3-01
21-3-01	Regulation on the use of students in fighting foot and mouth disease 2001.
21-3-01 19.15	Regulation on emergency vaccination foot and mouth disease 2001. UPDATED on 3-4-01.
21-3-01 19.15	Regulation on exportation ban of livestock and certain animal products foot and mouth disease 2001. CANCELLED on 13-4-01 and REPLACED by Regulation on exportation ban of livestock and certain animal products FMD 2001 II.
21-3-01 2001/223/EC	Decision 2001/223/EC: protective measures with regard to foot-and-mouth disease in the Netherlands.
22-3-01 12.15	Transport ban Beesd. CANCELLED on 24-3-01 and REPLACED by transport restrictions Beesd of 24-3-01.
22-3-01 12.15	Transport ban Sprang-Capelle. CANCELLED on 24-3-01 and REPLACED by transport restrictions Sprang-Capelle of 24-3-01.
22-3-01 17.30	Regulation on the temporary close of hunting and shooting and ban on the use of licences and decisions under the Birds Act 1936 and the Hunting and Shooting Act.
24-3-01 12.30	Temporary regulation on national transport restrictions foot and mouth disease 2001: relaxation of the transport ban in force earlier. See national transport restrictions for a survey of the provisions. CANCELLED on 30-3-01.
24-3-01 12.30	Regulation on transport restrictions in Beesd, foot and mouth disease 2001. CANCELLED on 29-3-01.
24-3-01 12.30	Regulation on transport restrictions in Maren-Kessel and Herpen foot and mouth disease 2001. CANCELLED on 30-3-01 and REPLACED by transport restrictions Maren-Kessel and Berghem.
24-3-01 12.30	Regulation on transport restrictions in Sprang-Capelle foot and mouth disease 2001. CANCELLED on 30-3-01 and REPLACED by transport restrictions Sprang-Capelle of 30-3-01.
24-3-01 22.45	Regulation on surveillance area Oene, Olst, Welsum, Nijbroek, Doornspijk, Nunspeet and Oosterwolde.
24-03-01 22.45	Regulation on transport restrictions in Overberg foot and mouth disease 2001.
25-03-01 08.00	Transport restrictions Overberg. CANCELLED on 27-3-01.
25-3-01 08.00	Surveillance zone Oene, Olst, Welsum, Nijbroek, Doornspijk, Nunspeet and Oosterwolde. CANCELLED on 30-3-01 and REPLACED by surveillance zone Oene, Olst, Welsum, Nijbroek, Oosterwolde II.
27-3-01 2001/246/EC	Decision 2001/246/EC: suppressive vaccination in the control and eradication of foot-and-mouth disease in application of article 13 (3) of directive 85/511/EEC.
29-3-01	Surveillance zone Kootwijkerbroek. CANCELLED on 30-3-01 and REPLACED by surveillance zone Kootwijkerbroek II of 30-3-01.
30-3-01 20.30	Temporary national transport restrictions FMD 2001 II. UPDATED on 4-4-01.
30-3-01 20.30	Surveillance zone Oene, Olst, Welsum, Nijbroek and Oosterwolde FMD 2001 II. UPDATED on April 3, 5, 11 and 13.

Date	Measure
30-3-01 20.30	Transport restrictions Maren-Kessel and Berghem. CANCELLED on 5-4-01.
30-3-01 20.30	Transport restrictions Sprang-Capelle FMD 2001 II. CANCELLED on 5-4-01.
30-3-01 20.30	Surveillance zone Kootwijkerbroek FMD 2001 II. UPDATED on April 11 and 13.
2-4-01 2001/262/EC	EU decision 2001/262/EG on the update of EU decision 2001/223/EG with regard to protective measures of FMD in the Netherlands.
3-4-01	Appointment supervisory officials FMD 2001. UPDATED on 6-4-01
5-4-01 2001/279/EC	EU decision 2001/279/EC on the update of EU decision 2001/246/EC to determine regulations on the control and eradication of FMD in the Netherlands based on article 13 of directive 85/511/EG regarding suppressive vaccination.
6-4-01 2001/282/EC	EU decision 2001/282/EG on the second update of EU decision 2001/223/EG to determine protective measures against FMD in the Netherlands regarding the compartmentalisation.
7-4-01 00.00	Regulation compartmentalisation of the Netherlands FMD 2001 (division into areas). CANCELLED on 13-4-01 and REPLACED by Regulation compartmentalisation of the Netherlands FMD 2001 II of 13-4-01.
7-4-01 00.00	Temporary collection ban FMD 2001.
11-4-01 2001/305/EC	EU decision 2001/305/EG on the marking and use of certain animal products related to EU decision 2001/223/EG to determine protective measures against FMD in the Netherlands.
11-4-01 2001/306/EC	EU decision 2001/306/EG on the third update of EU decision 2001/223/EC to determine protective measures against FMD in the Netherlands regarding the compartmentalisation.
11-4-01 17.30	Temporary export ban FMD 2001. CANCELLED on 12-4-01.
11-4-01 13.00	Regulation surveillance zone Ee FMD 2001. UPDATED on 12-4-01.
13-4-01 17.30	Regulation compartmentalisation of the Netherlands FMD 2001 II.
13-4-01 17.30	Regulation export ban livestock and certain animal products FMD 2001 II.
17-4-01 00.00	Regulation appointment slaughterhouses vaccination areas Veluwe.

diagram of violations starting March 1st 2001

Date	Violations		species	Other	
	Warning	Off. Report		Warning	Off. Report
Total	41	258		46	141
01-03-01	0	4	sheep	0	0
02-03-01	0	3	sheep	0	2
03-03-01	0	0		0	1
04-03-01	0	1	sheep	0	1
05-03-01	0	0		1	5
06-03-01	0	0		2	2
07-03-01	0	0		0	3
08-03-01	0	0		1	3
09-03-01	0	1	sheep	0	3
10-03-01	0	0		2	3
11-03-01	0	0		0	0
12-03-01	0	0		3	0
13-03-01	1	2	cattle	3	4
14-03-01	0	1	horses	0	2
15-03-01	0	1	sheep	2	2
16-03-01	0	0		1	3
17-03-01	0	4	cattle/sheep	0	1
18-03-01	0	1	cattle	0	1
19-03-01	0	0		0	1
20-03-01	0	10	cattle/horses/transport	3	5
21-03-01	3	28		1	8
22-03-01	1	39	sheep/transport	1	1
23-03-01	0	28	cattle/sheep/horses/transport	0	1
24-03-01	0	13	cattle/sheep/horses/transport	0	5
25-03-01	0	3	transport	2	4
26-03-01	0	7	transport	2	3
27-03-01	0	5	transport	4	7
28-03-01	0	7	cattle/goats	1	14
29-03-01	0	1	cattle	3	10
30-03-01	0	3	sheep	8	13
31-03-01	2	0	sheep/turkeys	3	8
01-04-01	0	2	pigs	0	-1
02-04-01	4	8	pigs	0	3
03-04-01	3	16	goats	0	1
04-04-01	4	12	sheep	0	1
05-04-01	6	10	goats	0	2
06-04-01	2	11	pigs	0	2
07-04-01	3	4	pigs	0	4
08-04-01	0	2		1	0
09-04-01	1	7		0	5
10-04-01	3	10		0	3
11-04-01	7	6		0	3
12-04-01	1	8		2	0
13-04-01	8	9		0	2
14-04-01	1	5		0	0
15-04-01	1	0		1	0

DESCRIPTION VACCINATION AREA NOORD VELUWE

1. Vanaf de Spoorlijn (Hattemerbroek) volgend in noordoostelijke richting tot rivier de IJSSEL (Zwolle).
2. Rivier de IJssel (Zwolle) volgend in zuidelijke richting tot Spoorbrug over de IJSSEL (Deventer).
3. Spoorbrug over de IJSSEL de spoorlijn volgend in zuidwestelijke richting tot Laan van Osselveld (Apeldoorn).
4. Laan van Osseveld (Apeldoorn) N344 volgend in noordwestelijke richting overgaand in Laan Van Zevenhuizen N344 tot de Anklaarseweg.
5. De Anklaarseweg volgend in oostelijke richting overgaand in noordelijke richting tot Fausstraat.
6. Fauststraat volgend in westelijke richting tot Laan v. Zevenhuizen N344.
7. Laan v. Zevenhuizen N344 volgend in noordelijke richting tot Kanaal Noord.
8. Kanaal Noord volgend in oostelijke richting tot Anklaarseweg.
9. Anklaarsweg volgend in noordelijke richting tot Zwolseweg.
10. Zwolseweg volgend in noordwestelijke richting tot Elburgerweg
11. Elburgerweg volgend in noordwestelijke richting tot Oranjeweg.
12. Oranjeweg volgend in noordelijke richting tot de Gortelseweg
13. Gortelseweg volgend in noordelijke richting tot de Eperweg N795.
14. Vanaf de N795 de Overste Wanninkhofweg volgend in noordoostelijke richting tot de N309 Eperweg.
15. De N309 Eperweg volgend in zuidelijke richting tot de Zuidweg.
16. Zuidweg volgend in noordoostelijke richting overgaand in de Nieuwe Zuidweg tot Kamperweg.
17. Kamperweg volgend in noordelijke richting overgaand in de Stationsweg tot de Spoorlijn (Hattemerbroek).

DESCRIPTION SURVEILLANCE ZONE AROUND THE VACCINATION AREA NOORD VELUWE

1. Vanaf de Veerweg (Zwartesluis) de N331 volgend in oostelijke richting overgaand in zuidelijke richting tot de N377 Vaartweg (Hasselt)
2. De N377 volgend in zuidoostelijke richting tot Rijksstraatweg.
3. De Rijksstraatweg volgend in zuidelijke richting tot de Nieuwendijk (Lichtmis).
4. De Nieuwendijk volgend in zuidelijke richting tot de Westeinde.
5. De Westeinde volgend in noordoostelijke richting tot Ankummerdijk.
6. De Ankummerdijk volgend in zuidoostelijke richting tot de N340.
7. De N340 volgend in oostelijke richting tot de Koesteeg.
8. De Koesteeg volgend in zuidelijke richting overgaand in de Rondweg overgaand in Vechtdijk tot de Rechterensedijk.
9. De Rechterensedijk volgend in oostelijke richting tot de Dalmsholterweg.
10. De Dalmsholterweg volgend in zuidelijke richting tot het Overijsselskanaal.
11. Het Overijsselskanaal volgend in oostelijke richting tot de Maanweg.
12. De Maanweg volgend in zuidelijke richting overgaand in de Lemelerweg overgaand in de Harmelinkstraat tot de Butzelaarstraat.
13. De Butzelaarstraat volgend in zuidoostelijke richting tot de Blikweg.
14. De Blikweg volgend in zuidelijke richting overgaand in de Stationsweg tot de Poggenbeltweg (Haarle).
15. De Poggenbeltweg volgend in zuidwestelijke richting tot de N332 Holterweg (Nieuw-Heeten).
16. De N332 volgend in zuidoostelijke richting tot de N339 (Laren).
17. De N339 volgend in noordwestelijke richting tot de Zutphenseweg.
18. De Zutphenseweg volgend in zuidwestelijke richting tot de Scheggertdijk.
19. De Scheggertdijk volgend in westelijke richting tot de Kapelweg.
20. De Kapelweg volgend in zuidelijke richting tot de Almenseweg.
21. De Almenseweg volgend in westelijke richting tot de Kapperallee.
22. De Kapperallee volgend in zuidelijke richting tot de Rijksstraatweg.
23. De Rijksstraatweg volgend in westelijke richting overgaand in de Kleine Omlegging overgaand in de Berkelsingel overgaand in de Rijkeshage overgaand in de Molengracht tot het Stationsplein.
24. Het Stationsplein volgend in westelijke richting overgaand in de Oude IJsselbrug tot de N345.
25. De N345 volgend in zuidelijke richting tot de Oude Kanonsdijk.
26. De Oude Kanonsdijk volgend in zuidwestelijke richting tot de Baankstraat.
27. De Baankstraat volgend in zuidwestelijke richting tot de Windheuvelstraat.
28. De Windheuvelstraat volgend in westelijke richting overgaand in de Voorsterweg.
29. De Voorsterweg volgend in zuidelijke richting tot de Vosstraat.

DESCRIPTION SURVEILLANCE ZONE AROUND THE VACCINATION AREA NOORD VELUWE

30. De Vosstraat volgend in westelijke richting overgaand in de Dorpsstraat (Hall) tot de Zwarteweg.
31. De Zwarteweg volgend in westelijke richting tot de Domineeskamp.
32. De Domineeskamp volgend in zuidelijke richting tot de Hallseweg.
33. De Hallseweg volgend in westelijke richting tot de Apeldoornseweg.
34. De Apeldoornseweg volgend in de noordelijke richting tot de Hoofdweg.
35. De Hoofdweg volgend in zuidwestelijke richting tot de Beekbergerweg (Loenen).
36. De Beekbergerweg volgend in zuidelijke richting overgaand in westelijke richting in de Groenendaalseweg tot de Oude Arnhemseweg.
37. De Oude Arnhemseweg volgend in noordelijke richting tot de Woeste Hofweg.
38. De Woeste Hofweg volgend in westelijke richting tot de Krimweg.
39. De krimweg volgend in westelijke richting tot de Apeldoornseweg.
40. De Apeldoornseweg volgend in noordelijke richting tot de Harskampweg.
41. De Harskampweg volgend in noordelijke richting tot de N304.
42. De N304 volgend in westelijke richting tot de N310.
43. De N310 volgend in noordelijke tot de N302 Flevoweg (De Beek)
44. N302 Flevoweg volgend in noordwestelijke richting overgaand in N302 Leuvenumseweg tot N302 Ceintuurbaan (Harderwijk).
45. De Centuurbaan (Harderwijk).N302 volgend in noordoostelijke richting tot de Futenweg N302 overgaand in N305 tot N710 Swifterweg.
46. N710 Swifterweg volgend in noordwestelijke richting overgaand in Biddingweg tot N307.
47. N307 volgend in noordelijke richting Kamperhoekweg tot snelweg A6.
48. Snelweg A6 volgend tot Ketelbrug.
49. Vanaf de Ketelbrug het Ketelmeer volgen in noordoostelijke richting overgaand in Zwarte Meer tot Veerweg (Zwartsluis).

DESCRIPTION SURVEILLANCE AREA KOOTWIJKERBROEK OTBREAK 2001/08

1. Vanaf kruising Ceintuurbaan met N302 de N302 volgend in zuidoostelijke richting tot de N344.
2. De N334 volgend in oostelijke richting tot Jachtlaan (APELDOORN).
3. De Jachtlaan volgend in zuidelijke richting overgaand in Laan Van Spitsbergen.
4. Laan Van Spitsbergen overgaand in zuidoostelijke richting in de Laan Van Westenenk.
5. Laan Van Westenenk volgend in zuidoostelijke richting tot de Arnhemseweg.
6. De Arnhemseweg volgend in zuidelijke richting tot de A50 afslag 22 (Hoenderloo).
7. Vanaf de A50 afslag 22 de A50 volgend in zuidelijke richting tot A12.
8. A12 volgend in westelijke richting tot afslag 22 (Maarsbergen).
9. Vanaf afslag 22 de N226 volgend in Noordelijke richting tot A28 afslag 6 (Leusden-zuid).
10. Vanaf afslag 6 de A28 volgend in noordoostelijke richting tot afslag 12 (Ermelo).
11. Vanaf afslag 12 de Ceintuurbaan volgend in noordoostelijke richting tot de kruising Ceintuurbaan met N302.

Map 1 Foot and Mouth Disease The Netherlands,
position as at 17-4-2001, 12.00hrs.

★ confirmed premises



rvv

drawing by
dienst landelijk gebied
voor ontwikkeling en beheer

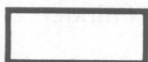
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Topografische ondergrond © Top. Dienst, Emmen

Koudum

Map 2 Foot and Mouth Disease The Netherlands, position as at 17-4-2001, 12.00hrs.



10 or 12km area



vaccination area



confirmed premises



uizen

Emmeloord

Urk

Nagele

Vollenhove

Genemuiden

Staphorst

Nieuwleusen

Dedemsvaart

Swierbant

IJsselmuiden
Kampen

Oosterwolde

ZwolleBerkum

Ommen

Lelystad

Dronen

De Marslanden
Ittersum

Den H:

Biddinghuizen

Oostendorp

Wapenveld

Heino

Hellendoorn

Trekkersveld

Harderwijk

't Harde

Wapenveld

Heerde

Wijhe

Oene

Olst

Welsum

Terwolde

Raalte

Nijverdal

Zeewolde

Ermelo

Tongeren

Nijbroek

Vaassen

Diepenveen

Schalkhaar

Deventer

Holten

Spakenburg
Bunschoten

Nijkerk

Putten

Ugchelen

Twello

Gorsse

Lochem

Hoogland

Voorthuizen

Kootwijkerbroek

Ugchelen

Eerde

Wapenveld

Vorden

Ruurlo

Leusden

Harselaar

Barneveld

Ugchelen

Twello

Gorsse

Vorden

Ruurlo

Scherpenzeel

Lunteren

Ede

Eerbeek

Brummen

Vorden

Ruurlo

Maarn

Veenendaal

Ede

Eerbeek

Brummen

Vorden

Ruurlo

Leersum

Amerongen

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Ruurlo

Leersum

Amerongen

Bennekom

Eerbeek

DESCRIPTION SURVEILLANCE ZONE AROUND THE VACCINATION AREA NOORD FRIESLAND

1. Vanaf de veerpont bij Holwerd de Waddenzee volgend in oostelijke richting tot Groninger Wad.
2. Vanaf Groninger Wad de Kustweg aansluiting op Westpolder.
3. Westpolder volgend in noordoostelijke richting tot de Kolhamsterweg.
4. Kolhamsterweg volgend in zuidelijke richting overgaand in Schapenweg.
5. Schapenweg volgend in zuidelijke richting tot de Noorderstraat (Ulrum).
6. De Noorderstraat (Ulrum) volgden in oostelijke richting overgaand in Leensterweg.
7. Leensterweg volgend in oostelijke richting tot de Singel.
8. De Singel volgend in zuidelijke richting overgaand in de Tilweg.
9. De Tilweg volgend in zuidelijke richting overgaand in de Zoutkamperweg.
10. Zoutkamperweg volgend in westelijke richting overgaand in de Churchilweg .
11. Churchilweg volgend in westelijke richting tot de Vishalstraat.
12. Vishalstraat volgend in zuidelijke richting tot Reitdiep.
13. Reitdiep volgend in zuidoostelijke richting tot Munneke Zijlsterried.
14. Munnekezijlsterried volgend in zuidwestelijke richting tot de Stadsweg (Lauwerzijl) N388.
15. Stadsweg (Lauwerzijl) N388 volgend in zuidelijke richting tot de Wester Waarddijk.
16. De Wester Waarddijk volgend in zuidwestelijke richting tot de Pieterzijlsterweg.
17. De Pieterzijlsterweg volgend in zuidelijke richting tot de N355 Friesestraatweg.
18. N355 Friesestraatweg volgend in westelijke richting tot de Heirweg.
19. De Heirweg volgend in zuidwestelijke richting tot de Stationsweg.
20. De Stationsweg volgend in zuidelijke richting tot het Van Starckenborgh Kanaal.
21. Het Van Starckenborgh Kanaal volgend in zuidwestelijke richting overgaand in het Prinses Margriet Kanaal tot de N369 Heger Dyk (Kootstertille).
22. De N369 Heger Dyk volgend in noordwestelijke richting overgaand in De Koaten tot de N355 Rykswei.
23. De N355 Rykswei volgend in westelijke richting overgaand in de N355 Rijksstraatweg tot de N361 Westerdijk (Rijperkerk).
24. De N361 Westerdijk volgend in noordwestelijke richting overgaand in de N361 Trijnwaldsterdijk tot de Nieuwestraatweg.
25. De Nieuwestraatweg volgend in noordoostelijke richting overgaand in de Kaetsjemuoi Wei tot de Kerkweg.
26. De Kerkweg volgend in oostelijke richting tot de Rietveldsweg.
27. De Rietveldsweg volgend in noordelijke richting tot de Rietveld.
28. De Rietveld volgend in noordwestelijke richting overgaand in de Tussendammen overgaand in de Klokhuiserweg overgaand in de Hikkaaderdyk overgaand in de Harstawei tot de Oosterbeintumerweg.
29. De Oosterbeintumerweg volgend in noordoostelijke richting tot de Farebuorren.
30. De Farebuorren volgend in noordwestelijke richting overgaand in oostelijke richting overgaand in de Hogedijk.
31. De Hogedijk volgend in noordelijke richting tot de N357 Ljouwerterdyk.



DESCRIPTION SURVEILLANCE ZONE AROUND THE VACCINATION AREA NOORD FRIESLAND

32. De N357 Ljouwerterdyk volgend in noordoostelijke richting tot de N358 Bjimsterwei.
33. De N358 Bjimsterwei volgend in noordwestelijke richting overgaand in de Grândyk tot de veerpont bij Holwerd

DESCRIPTION VACCINATION AREA NOORD FRIESLAND

1. Vanaf H.M. Gerbrandywei N361 (Morra) volgend in noordoostelijke richting tot de 2 km cirkel Anjum.
2. De 2 km cirkel Anjum volgend met de klok mee tot Saatsenwei.
3. Saatsenwei de weg volgend in zuidwestelijke richting overgaand in Tibsterwei.
4. Tibsterwei volgend tot 2 km cirkel Ee.
5. De 2 km cirkel Ee volgend met de klok mee tot Lauwersseewei N361 (Metslawier).
6. Lauwersseewei N361 (Metslawier) de weg volgend in noordoostelijke richting overgaand in H.M. Gerbrandywei N361 (Morra).

Map 3 Foot and Mouth Disease The Netherlands,
position as at 17-4-2001, 12.00hrs.

-  10 or 12km area
-  vaccination area
- ★ confirmed premises



Grouw

0 2 4 6 8 Kilometers



rvv

drawing by
dienst landelijk gebied
voor ontwikkeling en beheer

Tijgebruikersrvv/mkz_nederland april 2001 (PVCrapp3_010417)
Topografische ondergrond © Top. Dienst. Emmen

Map 4 Foot and Mouth Disease The Netherlands

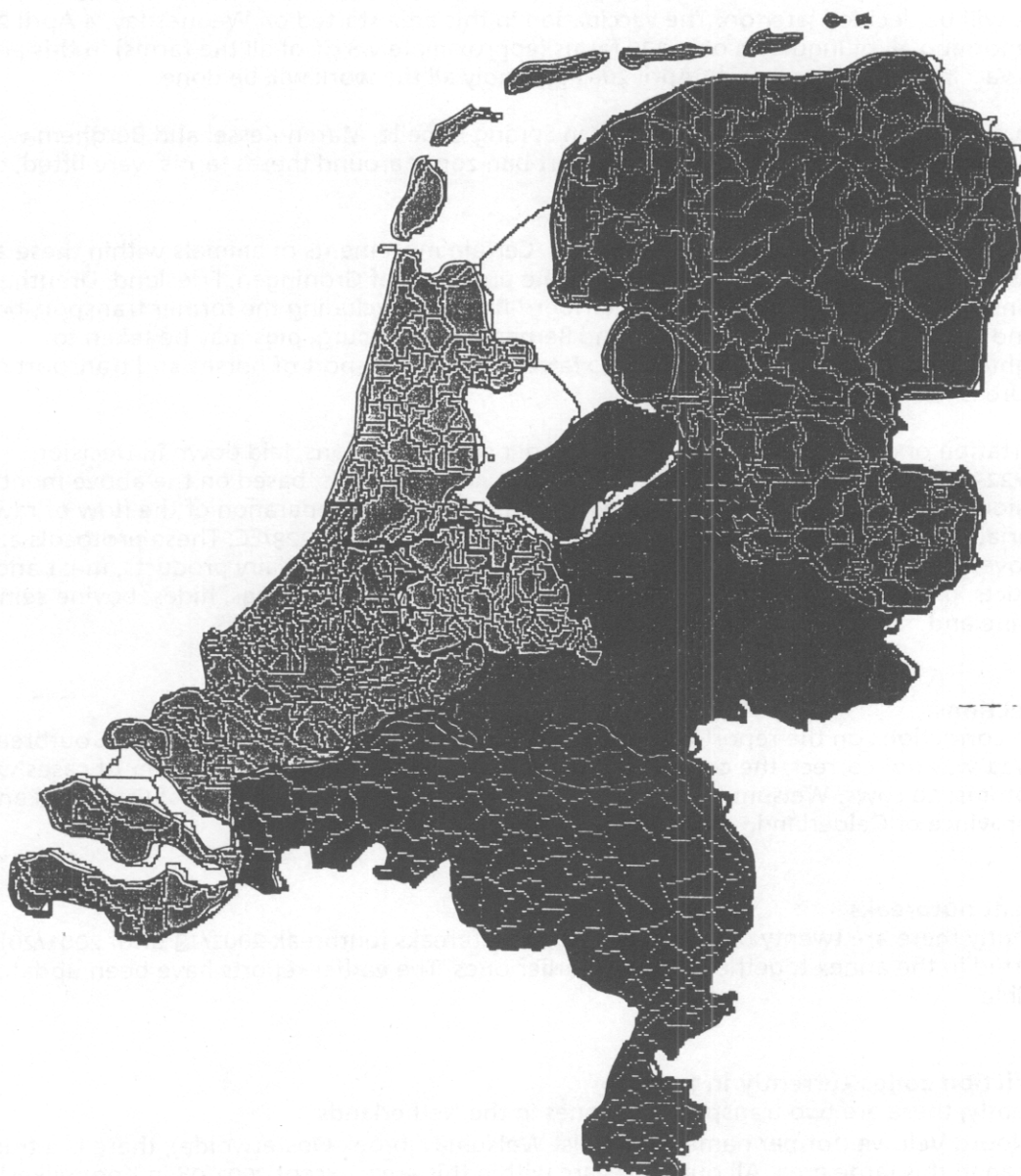
 proposed annex 1 by The Netherlands



THE NETHERLANDS FOOT AND MOUTH DISEASE

2001

Situation 9 April 2001 - 12.00 hrs



FOOT AND MOUTH DISEASE / THE NETHERLANDS / 2001

Position as at 9 April 2001 12:00 hours

With reference to the second FMD report of 2 April 2001, we are now giving you the information on the past week.

Several new outbreaks occurred during the past week. All of them occurred in the transport-ban zone around Oene-Olst-Welsum-Nijbroek. Five of the six new outbreaks occurred in the large vaccination area "Noord Veluwe" (more details see below).

The Minister of Agriculture decided, on 3 April 2001, all biungulates in a large area around Oene, the "Noord Veluwe" will be vaccinated, after approval of the SVC. This area is bordered by the river IJssel in the East, the forests of the Veluwe in the West, Zwolle in the North and the line Deventer-Twello-Apeldoorn in the South (distance North to South: approximately 30 km and West to East approximately 15 km on average). You will find a map and description of this area in the annex. After vaccination all biungulates, except cattle will be culled. What will be done with the cattle will be decided later on. The vaccination in this area started on Wednesday, 4 April 2001. This morning all biungulates on 1,120 farms (approximately 83% of all the farms) in this area had been vaccinated. Tomorrow, 10 April 2001 probably all the work will be done.

All samples taken at the suspected farms in Sprang-Capelle, Maren-Kessel and Berghem were found negative. For that reason the transport-ban zones around these farms were lifted, on 5 April 2001, 18:45 hours.

The Netherlands has been divided into areas. Certain movements of animals within these areas are allowed again, under certain conditions. In the provinces of Groningen, Friesland, Drenthe, Noord-Holland, Zuid-Holland, Zeeland, Utrecht, Noord-Brabant (excluding the former transport-ban zones around Sprang-Capelle, Maren-Kessel and Berghem) and Limburg, pigs may be taken to slaughterhouses, piglets may be taken to fattening farms, transport of horses and transport of manure is allowed again.

Exportation of certain products is allowed under strict conditions, laid down in Decision 2001/223/EC. Commodity boards have to prepare new protocols, based on the above mentioned Decision. These protocols set out all measures (the requested separation of the flow of raw materials or treatment) necessary to comply with Decision 2001/223/EC. These protocols are approved by the RVV. Currently, there are approved protocols for dairy products, meat and meat products, petfood, dairy products for non-human consumption, casings, hides, bovine semen, gelatine and hair from pigs.

Corrections

Some corrections on the report of 2 April 2001. The number of animals involved in outbreak 2001/11 was not correct, the correct numbers are: cattle: 179, goats: 43, number of cases with symptoms: 10 cows. Welsum (outbreak 2001/02) is situated in the province of Overijssel and not in the province of Gelderland.

Current outbreaks

Currently there are twenty outbreaks. The new outbreaks (outbreak 2001/13 until 2001/20) are reported in the annex together with the earlier ones. The earlier reports have been updated where possible.

Restriction zones currently in force

Currently, there are two transport-ban zones in the Netherlands:

- Noord Veluwe (former name: Oene-Olst-Welsum-Nijbroek-Oosterwolde); there is a transport-ban in this large area. All outbreaks are within this area, except 2001/08 in Kootwijkerbroek. The last change made in the boundaries of this area was made on 5 April 2001 due to the transport-ban zone of 10 km around the vaccination area Noord Veluwe. Map and description are in the annex.

- Kootwijkerbroek; there is a transport-ban zone with a radius of at least twelve kilometres around outbreak 2001/08 in Kootwijkerbroek. This zone was established on 29 March 2001. Map and description are in the annex.

In addition to these two transport-ban zones, there are 20 protection zones around the confirmed farms where clinical inspections have been or will be carried out.

Tracing

Still there is no reason to change our views on the origin of the outbreak of FMD in the Netherlands. The introduction of the virus through the importation of Irish fattening calves by the French staging point at Mayenne is still most likely.

On 15 March 2001, clinical symptoms of FMD were reported in goats in a herd in Oene. Samples were sent to ID-Lelystad for confirmation. Four calves imported from Ireland on 24 January 2001 were found serologically positive. The herd was culled on 17 March 2001.

Fattening calves from Ireland transported via France to the Netherlands on 23 February 2001 were housed for 12 hours at the staging point at Mayenne. Between 5 February 2001 and 19 February 2001, seven shipments of sheep from UK FMD case 01/11 were taken to that particular staging point. The sheep were found to be seropositive. A contact herd within 500 m of the staging point became FMD case 01/01 in France on 13 February 2001. This implies that the calves from Ireland might have been infected on 23 February 2001 before they were sent to the Netherlands.

The calves were sent to farms in Oene, Sprang-Capelle and Beesd. Four calves of the Oene herd (outbreak 2001/03) were seropositive. All samples taken from susceptible animals at the farm in Beesd and Sprang-Capelle were negative.

Screening

All farms within the protection zones will be inspected clinically, in accordance with EU directive 85/511/EEG.

Culling

All susceptible animals on confirmed infected and highly suspected farms have been culled. Pre-emptive culling took place on all farms within a one-kilometre radius of the confirmed cases 2001/01, 2001/02 and 2001/03. Similar measures were taken in Sprang-Capelle and Berghem. All susceptible animals on vaccinated farms will also be culled later on. There is only one exception to this item: what will be done with the cattle in the Noord Veluwe vaccination area will be decided later on.

Vaccination

Emergency vaccination, in compliance with Decision 2001/246/EC, has been carried out around the confirmed infected farms 2001/04 to 2001/13. All susceptible animals on the farms within a radius of two kilometres from the outbreaks have been vaccinated. All vaccinated animals are marked by mutilation. All vaccinated animals will be culled pre-emptively later on.

In the vaccination area Noord Veluwe all susceptible animals will be vaccinated. Vaccinations in this area have been or will be carried out according to Decision C(2001) 1070 def.. Except the cattle all vaccinated animals will be culled later on. What will be done with the cattle will be decided later on. A FVO-mission visited The Netherlands from 4-7 April 2001 to inspect the FMD vaccination program. The inspectors visited ID-Lelystad (supplier of the vaccine), the Animal Health Service (organiser of the vaccinations), the regional crisis centre Stroe, a vaccination centre and a farm. The first conclusions of the inspectors were very positive.

National rules and regulations

See annex

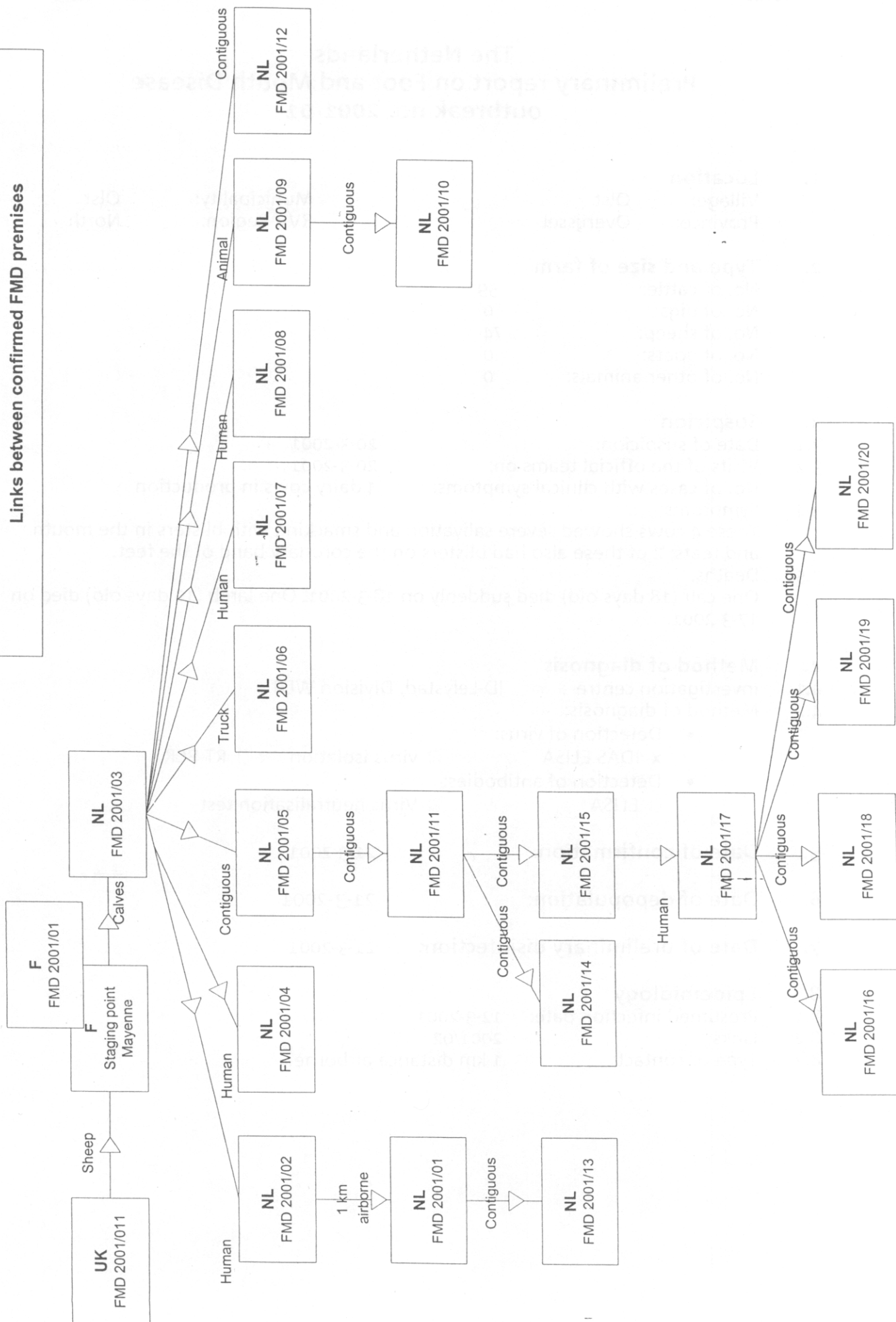
Diagram of violations

See annex

Maps

A map showing a clear division into provinces with all infected premises is in the annex. A more detailed enlarged, map showing sections of the above-mentioned map is also annexed. One map showing the transport-ban zones around Oene etc. and Kootwijkerbroek, including the infected premises and the vaccination areas. The other map shows the former transport-ban zones around Sprang-Capelle, Maren-Kessel and Berghem. These transport-bans were lifted on 5 April 2001, 18.45 hours. So currently for these areas there are the same regulations as for the other parts of the Netherlands outside transport-ban zones. Also enclosed is the annex 1 area and the proposed annex 1 by The Netherlands.

Links between confirmed FMD premises



The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/01

1. Location

Village: Olst
Province: Overijssel

Municipality: Olst
RVV-Region: North

2. Type and size of farm

No. of cattle: 59
No. of pigs: 0
No. of sheep: 74
No. of goats: 0
No. of other animals: 0

3. Suspicion

- 3.1 Date of suspicion: 20-3-2001
3.2 Visits of the official teams on: 20-3-2001
3.3 No. of cases with clinical symptoms: 4 dairy cows in production
3.4 Symptoms:
These 4 cows showed severe salivation and smacking with blisters in the mouth and teats; 2 of these also had blisters on the coronary band of the feet.
3.5 Deaths:
One calf (18 days old) died suddenly on 18-3-2001. One lamb (10 days old) died on 17-3-2001.

4. Method of diagnosis

- 4.1 Investigation centre : ID-Lelystad, Division WDT
4.2 Method of diagnosis:
 - Detection of virus:
 - ☒ IDAS ELISA ☐ virus isolation ☐ RT-PCR
 - Detection of antibodies:
 - ☐ ELISA ☐ Virus neutralisation test

5. Date of confirmation: 21-3-2001

6. Date of depopulation: 21-3-2001

7. Date of preliminary disinfection: 21-3-2001

8. Epidemiology

- 8.1 Presumed infection date: 12-3-2001
8.2 Links: 2001/02
8.3 Type of contact: 1 km distance airborne?

The Netherlands
Preliminary report on Foot and Mouth Disease
outbreak no. 2001/02

1. Location

Village: Welsum
 Province: Overijssel

Municipality: Voorst
 RVV-region: Noord

2. Type and size of farm

No. of cattle: 121
 No. of pigs: 0
 No. of sheep: 0
 No. of goats: 0
 No. of other animals: 13500 ducks:

3. Suspicion

3.1 Date of suspicion: 21-3-2001

3.2 Visits of screening teams on: 21-3-2001

3.3 No. of cases with clinical symptoms: 2

3.4 Clinical symptoms:

One cow showed severe salivation with blisters on the tongue. One calf with one blister on the tongue. Both animals were without fever.

3.5 Deaths: 0

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT

4.2 Method of diagnosis:

- Detection of virus:
 - ☒ IDAS ELISA
 - ☐ virus isolation
 - ☐ RT-PCR
- Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test

5. Date of confirmation: 21-3-2001

6. Date of depopulation: 22-3-2001

7. Date of preliminary disinfection: 22-3-2001

8. Epidemiology

8.1 Presumed infection date: ?

8.2 Links: 2001/03

8.3 Type of contact: human

The Netherlands

Preliminary report on Foot and Mouth Disease outbreak no. 2001/03

1. Location

Village: Oene
Province: Gelderland

Municipality: Epe
RVV-region: East

2. Type and size of farm

No. of cattle: 74 (veal calves)
No. of pigs: 0
No. of sheep: 0
No. of goats: 545
No. of other animals: 0

3. Suspicion

3.1 Date of suspicion: 14-3-2001

3.2 Visits of screening teams on: 15-3-2001

3.3 No. of cases with symptoms: 130

3.4 Symptoms:

Pregnant goats and goats in production with fever, acute lameness, small blisters in the mouth, teats and coronary band

3.5 Deaths: 2

4. Method of diagnosis

4.1 Investigation centre : ID-Lelystad, Division WDT

4.2 Method of diagnosis:

- Detection of virus:
 - ☐ IDAS ELISA
 - ☒ virus isolation
 - ☒ RT-PCR
- Detection of antibodies:
 - ☐ ELISA
 - ☐ Virus neutralisation test

5. Date of confirmation: 22-3-2001

6. Date of depopulation: 17-3-2001

7. Date of preliminary disinfection: 17-3-2001

8. Epidemiology

8.1 Presumed infection date: 24-2-2001

8.2 Links: France 2001/01

8.3 Type of contact: Animal